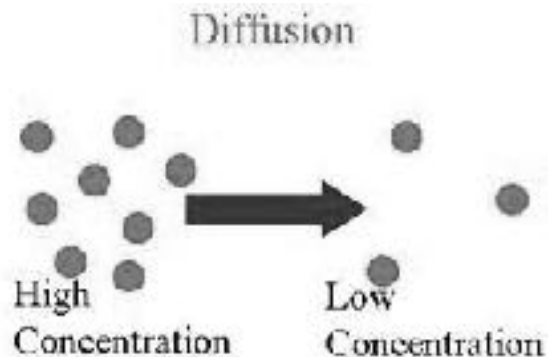


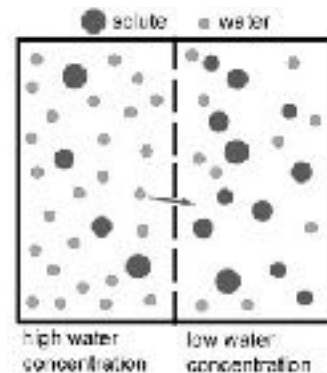
A cell is selectively permeable which means that some substances can pass through while others cannot.



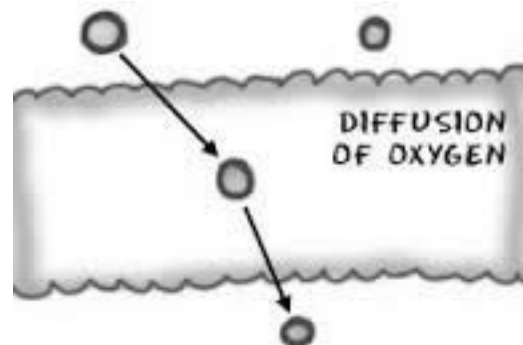
Diffusion is the process by which molecules tend to move from an area of higher concentration to an area of lower concentration.



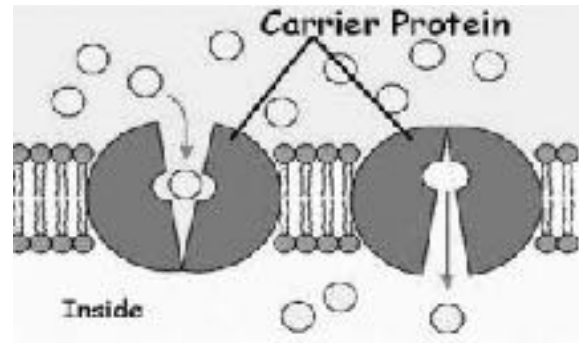
The diffusion of water molecules through a selectively permeable membrane is called osmosis.



The movement of dissolved materials through a cell membrane without using cellular energy is called passive transport.



Active transport is the movement of materials through a cell membrane using cellular energy.



Engulfing, in which the cell membrane wraps around, or engulfs, a particle and forms a vacuole within the cell.

